

Searching PCT...

[Search Summary]

Results of searching in PCT for:

("micromechanical" or "micro electromechanical" or mems or microelectromechanical or micromechanical or "micro electro mechanical") near (resonator or vibrator or oscillator): 55 records

Showing records 1 to 25 of 55 :

Next 25 records	Start At	
Refine Search ("micromechanical" or "micro electromechanical" or n		

Score Title

1. (099) (WO 03/041215) MICROMECHANICAL RESONATOR
2. (069) (WO 98/01948) MECHANICAL SIGNAL PROCESSOR COMPRISING MEANS FOR LOSS COMPENSATION
3. (054) (WO 02/17482) MICROMECHANICAL RESONATOR DEVICE AND MICROMECHANICAL DEVICE UTILIZING SAME
4. (052) (WO 2005/071842) FREQUENCY AND/OR PHASE COMPENSATED MICROELECTROMECHANICAL OSCILLATOR
5. (052) (WO 2005/071842) FREQUENCY AND/OR PHASE COMPENSATED MICROELECTROMECHANICAL OSCILLATOR
[Repub: 09.09.2005]
6. (047) (WO 2004/027833) ELECTRICALLY-COUPLED MICRO-ELECTRO-MECHANICAL FILTER SYSTEMS AND METHODS
7. (047) (WO 2004/027833) ELECTRICALLY-COUPLED MICRO-ELECTRO-MECHANICAL FILTER SYSTEMS AND METHODS
[Repub: 15.07.2004]
8. (047) (WO 2004/095696) TEMPERATURE COMPENSATION FOR SILICON MEMS RESONATOR
9. (044) (WO 00/42705) DEVICE INCLUDING A MICROMECHANICAL RESONATOR HAVING AN OPERATING FREQUENCY AND METHOD OF EXTENDING SAME
10. (044) (WO 01/33711) TIME BASE COMPRISING AN INTEGRATED MICROMECHANICAL RING RESONATOR
11. (038) (WO 02/17481) MICROMECHANICAL RESONATOR DEVICE
12. (038) (WO 02/17481) MICROMECHANICAL RESONATOR DEVICE
[Repub: 06.06.2002]
13. (038) (WO 02/017482) MICROMECHANICAL RESONATOR AND FILTER USING THE SAME
[Repub: 10.10.2002]
14. (033) (WO 2005/015735) MICROMECHANICAL RESONATOR DEVICE AND METHOD OF MAKING A MICROMECHANICAL DEVICE
15. (033) (WO 2005/035436) MEMS DEVICE ANNEALING
16. (029) (WO 2004/027796) CAPACITIVE RESONATORS AND METHODS OF FABRICATION
17. (029) (WO 2004/027796) CAPACITIVE RESONATORS AND METHODS OF

Searching PCT (Full Text)...

[Search Summary]

Results of searching in PCT (Full Text) for:

microresonator or "micro resonator" or "micro-resonator" or "micro oscillator"
or "micro-oscillator" or microvibrator or "micro vibractor" or "micro-vibrator":

113 records

Showing records 1 to 25 of 113 :

Next 25 records

Start At

Refine Search

microresonator or "micro resonator" or "micro-resona

Title

1. (WO 2005/074502) HIGH-Q MICROMECHANICAL RESONATOR DEVICES AND FILTERS UTILIZING SAME
2. (WO 2005/010928) PHOTONIC BAND GAP **MICRO-RESONATOR** DEVICE AND METHOD
[Repub: 04.08.2005]
3. (WO 2005/067690) TUNABLE RADIO FREQUENCY AND MICROWAVE PHOTONIC FILTERS
4. (WO 2005/067188) DELAY WAVEGUIDE AND OPTICAL FUNCTIONAL CIRCUIT USING SAME
5. (WO 2005/067031) FERROELECTRIC THIN FILMS AND DEVICES COMPRISING THIN FERROELECTRIC FILMS
6. (WO 2005/064375) LOW LOSS MICRORING RESONATOR DEVICE
7. (WO 2005/064373) PHOTONIC CRYSTAL OPTICAL ELEMENT AND MANUFACTURING METHOD THEREFOR
8. (WO 2005/064315) AN OPTICAL SYSTEM FOR DETECTING THE CONCENTRATION OF COMBUSTION PRODUCTS
9. (WO 2004/109351) ULTRA-HIGH Q **MICRO-RESONATOR** ON SILICON SUBSTRATE AND METHOD OF FABRICATION THEREOF
[Repub: 26.05.2005]
10. (WO 2005/046051) **MICRO-RESONATOR** AND COMMUNICATION APPARATUS
11. (WO 2005/040875) HYBRID SPHERE-WAVEGUIDE RESONATORS
12. (WO 2005/040772) POROUS MICROSPHERE RESONATORS AS SENSORS
13. (WO 2005/036979) METHOD FOR MODIFYING THE COMPOSITION OF MILK AND USE OF MILK
14. (WO 2005/030980) HIGH DENSITY METHODS FOR PRODUCING DIODE-PUMPED MICRO LASERS
15. (WO 2004/100362) THERMOELASTICALLY ACTUATED **MICRORESONATOR**
[Repub: 31.03.2005]
16. (WO 2005/025112) ALL OPTICAL VARIABLE BUFFER QUEUE USEFUL IN OPTICAL PACKET NETWORKS
17. (WO 2005/025057) ELECTROMECHANICAL TRANSDUCER AND ELECTRICAL DEVICE
18. (WO 2005/022224) OPTICAL DEVICE AND METHOD OF MANUFACTURING THE SAME
19. (WO 2005/021451) PROCESS FOR MAKING LOW-OH GLASS ARTICLES AND LOW-OH

Searching PCT (Full Text)...

[Search Summary]

Results of searching in PCT (Full Text) for:

(oscillator or vibrator or resonator) near (electrostrictive or piezoelectric) and
(mount or mounted or mounting) and (cantilever or cantilevered): 27 records

Showing records 1 to 25 of 27 :

Final 2 records	Start At	
Refine Search	(oscillator or vibrator or resonator) near (electrostricti	

Title

1. (WO 2005/001421) IMPROVED PIEZOIMMUNOSENSOR
2. (WO 2004/086027) MECHANICAL *RESONATOR*
3. (WO 2004/086020) APPLICATION SPECIFIC INTEGRATED CIRCUITRY FOR CONTROLLING ANALYSIS OF A FLUID
4. (WO 2004/044569) MEMS MEMBRANE BASED SENSOR
5. (WO 2004/015430) TRIAXIAL ACCELERATION SENSOR
6. (WO 2004/003384) *PIEZOELECTRIC* MICROPUMP WITH DIAPHRAGM AND VALVES
7. (WO 03/099458) LOW LEAKAGE LIQUID ATOMIZATION DEVICE
8. (WO 03/088851) TISSUE PENETRATION DEVICE
9. (WO 03/038409) *CANTILEVER* ARRAY SENSOR SYSTEM
[Repub: 31.07.2003]
10. (WO 03/038409) *CANTILEVER* ARRAY SENSOR SYSTEM
11. (WO 02/097270) MICROPUMP
12. (WO 02/082580) TUNEABLE DIELECTRIC *RESONATOR*
13. (WO 02/28539) SYSTEMS AND METHODS FOR CONTROLLING FLUID FEED TO AN AEROSOL GENERATOR
14. (WO 00/60369) PASSIVE SOLID-STATE MAGNETIC FIELD SENSORS AND APPLICATIONS THEREFOR
[Repub: 14.03.2002]
15. (WO 02/10677) OPTICAL SENSING DEVICE CONTAINING FIBER BRAGG GRATINGS
16. (WO 01/54450) TRANSDUCER
17. (WO 01/01121) MULTI-MODAL ANALYSIS OF MICROMECHANICAL STRUCTURES FOR SENSING APPLICATIONS
18. (WO 00/60369) PASSIVE SOLID-STATE MAGNETIC FIELD SENSORS AND APPLICATIONS THEREFOR
19. (WO 00/53337) IMPROVED ATTACHMENT METHOD FOR *PIEZOELECTRIC* ELEMENTS
20. (WO 00/53336) DELIVERY SYSTEM FOR DISPENSING VOLATILES
21. (WO 00/51747) CONTROL SYSTEM FOR ATOMIZING LIQUIDS WITH A *PIEZOELECTRIC VIBRATOR*
22. (WO 00/47335) *PIEZOELECTRIC* SPRAYING SYSTEM FOR DISPENSING VOLATILES
23. (WO 00/10361) ULTRASONIC HEARING SYSTEM

Searching PCT (Full Text)...

[Search Summary]

Results of searching in PCT (Full Text) for:

(oscillator or vibrator or resonator) near (electrostrictive or piezoelectric) and
(mount or mounted or mounting) near pedestal: 0 records

Refine Search

(oscillator or vibrator or resonator) near (electrostricti

No records matching your query found in PCT (Full Text)

Search Summary

oscillator NEAR electrostrictive: 0 occurrences in 0 records.

oscillator NEAR pedestal: 0 occurrences in 0 records.

(oscillator NEAR electrostrictive AND oscillator NEAR pedestal): 0 records.

vibrator NEAR electrostrictive: 3 occurrences in 3 records.

vibrator NEAR pedestal: 0 occurrences in 0 records.

(vibrator NEAR electrostrictive AND vibrator NEAR pedestal): 0 records.

((oscillator NEAR electrostrictive AND oscillator NEAR pedestal) OR (vibrator NEAR electrostrictive AND vibrator NEAR pedestal)): 0 records.

resonator NEAR electrostrictive: 0 occurrences in 0 records.

resonator NEAR pedestal: 17 occurrences in 5 records.

(resonator NEAR electrostrictive AND resonator NEAR pedestal): 0 records.

((oscillator NEAR electrostrictive AND oscillator NEAR pedestal) OR (vibrator NEAR electrostrictive AND vibrator NEAR pedestal)) OR (resonator NEAR electrostrictive AND resonator NEAR pedestal)): 0 records.

oscillator NEAR piezoelectric: 239 occurrences in 130 records.

oscillator NEAR pedestal: 0 occurrences in 0 records.

(oscillator NEAR piezoelectric AND oscillator NEAR pedestal): 0 records.

vibrator NEAR piezoelectric: 804 occurrences in 155 records.

vibrator NEAR pedestal: 0 occurrences in 0 records.

(vibrator NEAR piezoelectric AND vibrator NEAR pedestal): 0 records.

((oscillator NEAR piezoelectric AND oscillator NEAR pedestal) OR (vibrator NEAR piezoelectric AND vibrator NEAR pedestal)): 0 records.

resonator NEAR piezoelectric: 811 occurrences in 172 records.

resonator NEAR pedestal: 17 occurrences in 5 records.

(resonator NEAR piezoelectric AND resonator NEAR pedestal): 0 records.

((oscillator NEAR piezoelectric AND oscillator NEAR pedestal) OR (vibrator NEAR piezoelectric AND vibrator NEAR pedestal)) OR (resonator NEAR piezoelectric AND resonator NEAR pedestal)): 0 records.

(((((oscillator NEAR electrostrictive AND oscillator NEAR pedestal) OR (vibrator NEAR electrostrictive AND vibrator NEAR pedestal)) OR (resonator NEAR electrostrictive AND resonator NEAR pedestal)) OR (((oscillator NEAR piezoelectric AND oscillator NEAR pedestal) OR (vibrator NEAR piezoelectric AND vibrator NEAR pedestal)) OR (resonator NEAR piezoelectric AND resonator NEAR pedestal))))): 0 records.



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Search Results 09/22/2005 - 09:36:30

Query :
((oscillator <or> vibrator <or> resonat

Query: ((oscillator <or> vibrator <or> resonator) <near> (electrostrictive
<or> piezoelectric) <and> (mount <or> mounted <or> mounting) <near>
pedestal)

1 documents out of 1646145 matched your query. Click on its number
to view the details of the document.

Note: All document detail pages now appear on a new Browser
Window.

- | | | |
|----------------------------|--|-----|
| 1. 1204178 | APPARATUS FOR SUPPRESSION OF
SPURIOUS ATTENUATION POLES IN
CRYSTAL FILTERS | 89% |
|----------------------------|--|-----|

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Query :

((oscillator <or> vibrator <or> resona

Query: ((oscillator <or> vibrator <or> resonator) <near> (electrostrictive
<or> piezoelectric) <and> (mount <or> mounted <or> mounting) <and>
(cantilever <or> cantilevered))

7 documents out of 1646145 matched your query. Click on its number
to view the details of the document.

Note: All document detail pages now appear on a new Browser
Window.

1. [2230191](#) ELECTRIC TOOTHBRUSH 90%
2. [1169144](#) VIBRATION SENSOR 89%
3. [2066838](#) HIGH FREQUENCY PRINTING MECHANISM 77%
4. [1314159](#) DENTAL HYGIENE DEVICE 77%
5. [1233664](#) IMPROVED FIBER OPTIC REMOTE SENSOR 77%
6. [1156345](#) VIBRATION SENSOR FOR AN AUTOMOTIVE VEHICLE 77%
7. [2374084](#) IMPROVED ELECTRONIC WEIGHING APPARATUS UTILIZING SURFACE ACOUSTIC WAVES 74%

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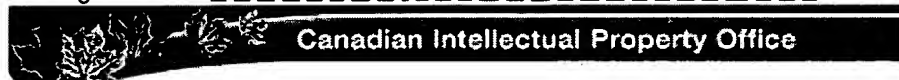
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Search Results 09/22/2005 - 13:31:31

Query :

Query: ((microelectromechanical <near> (oscillator <or> vibrator <or> resonator)))

Sorry, no patents were found matching your query

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Search Results 09/22/2005 - 13:24:56

Search Query :
(((micromechanical <near> (oscillator <

Query: (((micromechanical <near> (oscillator <or> vibrator <or> resonator)))

16 documents out of 1646145 matched your query. Click on its number to view the details of the document.

Note: All document detail pages now appear on a new Browser Window.

1. [2457121](#) MECHANICAL RESONATOR DEVICE HAVING PHENOMENA-DEPENDENT ELECTRICAL STIFFNESS 100%
2. [2420498](#) MICROMECHANICAL RESONATOR AND FILTER USING THE SAME 100%
3. [2406543](#) METHOD AND SUBSYSTEM FOR PROCESSING SIGNALS UTILIZING A PLURALITY OF VIBRATING MICROMECHANICAL DEVICES 100%
4. [2406176](#) METHOD AND APPARATUS FOR SELECTING AT LEAST ONE DESIRED CHANNEL UTILIZING A BANK OF VIBRATING MICROMECHANICAL APPARATUS 100%
5. [2360405](#) DEVICE INCLUDING A MICROMECHANICAL RESONATOR HAVING AN OPERATING FREQUENCY AND METHOD OF EXTENDING SAME 100%
6. [2238615](#) METHOD OF STIMULATING AN OSCILLATOR CONTROL FOR CAPACITIVE MEASUREMENT OF 100%



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Search Results 09/22/2005 - 13:28:48

Query :
(("micro mechanical" <near> (oscillato

Query: (("micro mechanical" <near> (oscillator <or> vibrator <or> resonator)))

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Search Results 09/22/2005 - 13:29:36

Query :
(((("micro-mechanical" <near> (oscillat

Query: ((((("micro-mechanical" <near> (oscillator <or> vibrator <or>
resonator))))

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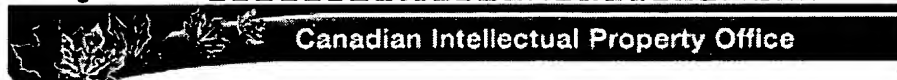
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Search Results 09/22/2005 - 13:31:08

Query :
((((("micro-electro-mechanical" <ne

Query: (((("micro-electro-mechanical" <near> (oscillator <or> vibrator
<or> resonator))))))

4 documents out of 1646145 matched your query. Click on its number
to view the details of the document.

Note: All document detail pages now appear on a new Browser
Window.

1. [2344737](#) ENCAPSULATED MEMS BAND-PASS FILTER FOR INTEGRATED CIRCUITS AND METHOD OF FABRICATION THEREOF 84%
2. [2500533](#) MIXED TECHNOLOGY MEMS/SIGE BICMOS DIGITIZING ANALOG FRONT END WITH DIRECT RF SAMPLING 22%
3. [2375138](#) DEPOSITED THIN FILM VOID-COLUMN NETWORK MATERIALS 09%
4. [2462584](#) OSCILLATING HOT WIRE OR HOT FILM FLOW SENSOR 02%

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Search Results 09/22/2005 - 13:30:48

Query :
((((("micro-electromechanical" <n

Query: (((((("micro-electromechanical" <near> (oscillator <or> vibrator
<or> resonator))))))

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Query :
(("micro-oscillator" <or> "micro-vibrato

Query: (("micro-oscillator" <or> "micro-vibrator" <or> "micro-resonator"))

8 documents out of 1646145 matched your query. Click on its number to view the details of the document.

Note: All document detail pages now appear on a new Browser Window.

1. [2289984](#) SEMICONDUCTOR MICRO-RESONATOR DEVICE 100%
2. [2423008](#) METHODS OF ALTERING THE RESONANCE OF WAVEGUIDE MICRO-RESONATORS 99%
3. [2361527](#) OPTO-ELECTRONIC OSCILLATORS HAVING OPTICAL RESONATORS 84%
4. [2353995](#) AIR MANAGER SYSTEMS FOR METAL-AIR BATTERIES UTILIZING A DIAPHRAGM OR BELLOWS 84%
5. [2503577](#) METHOD FOR PRODUCING A PACKAGED INTEGRATED CIRCUIT WITH A MICROCAVITY 80%
6. [2408534](#) OPTICAL WAVEGUIDE COUPLER 77%
7. [2068899](#) WHISPERING MODE MICRO-RESONATOR 77%
8. [1317769](#) ULTRA-PRECISION GRINDING MACHINE 77%

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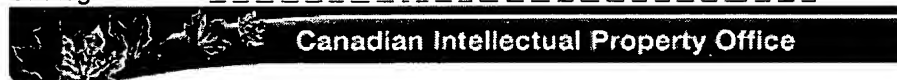
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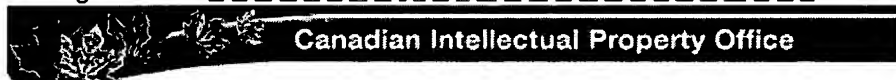
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3	BRS	L3	31	"micro oscillator" or "micro-oscillator"	USPAT ; USOCR ; EPO; JPO; DERWE NT; IBM_T DB	2005/09/2 2 12:25	
4	BRS	L4	56	"micro vibrator" or "micro-vibrator" or microvibrator	USPAT ; USOCR ; EPO; JPO; DERWE NT; IBM_T DB	2005/09/2 2 12:26	

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3	BRS	L3	31	"micro oscillator" or "micro-oscillator"	USPAT ; USOCR ; EPO; JPO; DERWE NT; IBM_T DB	2005/09/2 2 12:25	
4	BRS	L4	56	"micro vibrator" or "micro-vibrator" or microvibrator	USPAT ; USOCR ; EPO; JPO; DERWE NT; IBM_T DB	2005/09/2 2 12:26	
5	BRS	L5	280	("micro mechanical" or "micro electromechanical" or micromechanical or microelectromechanical or mems) adj2 (resonator or oscillator or vibrator)	US- PGPUB ; USPAT ; USOCR	2005/09/2 2 13:16	

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
6	BRS	L6	103	("micro mechanical" or "micro electromechanical" or micromechanical or microelectromechanical or mems) adj2 (resonator or oscillator or vibrator)	EPO; JPO; DERWE NT; IBM_T DB	2005/09/22 13:21	
7	IS&R	L7	24	((("3576453") or ("3599124") or ("3614483") or ("3732510") or ("4376919") or ("5132643") or ("5153476") or ("5361045") or ("5783973") or ("6720709") or ("3861024") or ("5025346") or ("5190637") or ("5440152") or ("5491604") or ("5537083") or ("5569968") or ("5576251") or ("5651900") or ("5660680") or ("5839062") or ("5919364") or ("6033974") or ("6064081"))).PN.	USPAT	2005/09/22 13:45	
8	IS&R	L8	0	("inputsameoutputsame(piezoelectricorelectrostrictive)adj2(vibratorresonatororoscillator)").PN.	USPAT	2005/09/22 13:45	

9	BRS	L10	0	input same output same (piezoelectric or electrostrictive) same ("micro oscillator" or microvibrator or "micro vibrator" or "micro resonator" or microresonator)	USPAT	2005/09/2 2 13:47	
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	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
10	BRS	L11	26	input same output same ("micro oscillator" or microvibrator or "micro vibrator" or "micro resonator" or microresonator)	USPAT	2005/09/2 2 13:47	